

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E86843

Employer : Cray Inc

Worksite : Cray Inc

Street : 901 5th Ave Suite 1000

Jurisdiction : City of Seattle

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 78%

Survey Date : 11/14/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 80.3%

Drive Alone Rate : 19.7%

One-Way VMT per employee : 3.1

Average One-Way distance home to work : 14.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 133

Surveys Distributed : 121

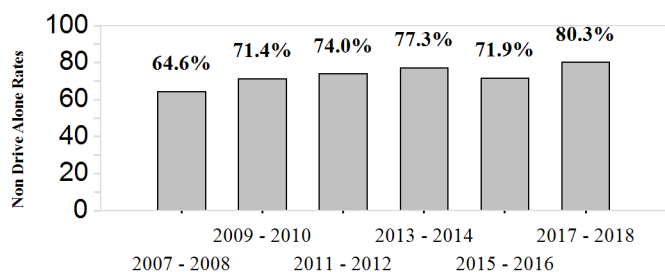
Surveys Returned : 94

Surveys Returned by CTR Affected* Employees : 89

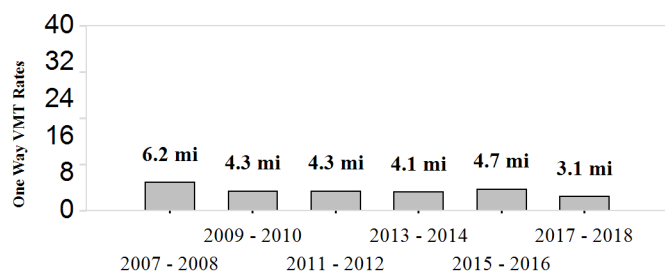
Total Estimated CTR Affected Employees at Worksite : 115

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

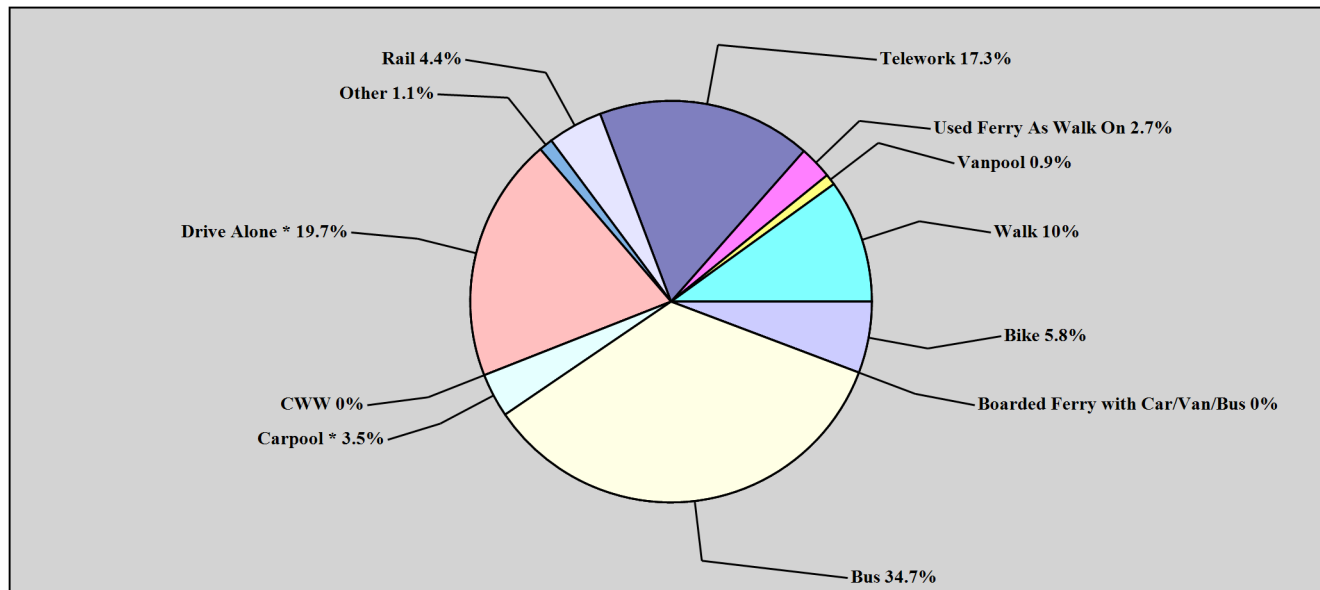
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	64.6%	63.0%	140	172	11.4	6.2	7.0
2009 - 2010	71.4%	68.4%	74	120	8.0	4.3	5.3
2011 - 2012	74.0%	73.8%	94	122	8.1	4.3	4.5
2013 - 2014	77.3%	77.6%	74	90	6.0	4.1	4.3
2015 - 2016	71.9%	72.6%	99	126	8.4	4.7	4.8
2017 - 2018	80.3%	79.8%	62	88	5.8	3.1	3.3
Target	80.0%				Target:	N/A	
% Point Change Target:	15.4				% Change Target:	N/A	
% Point Change from Baseline:	15.7				% Change from Baseline:	-50.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



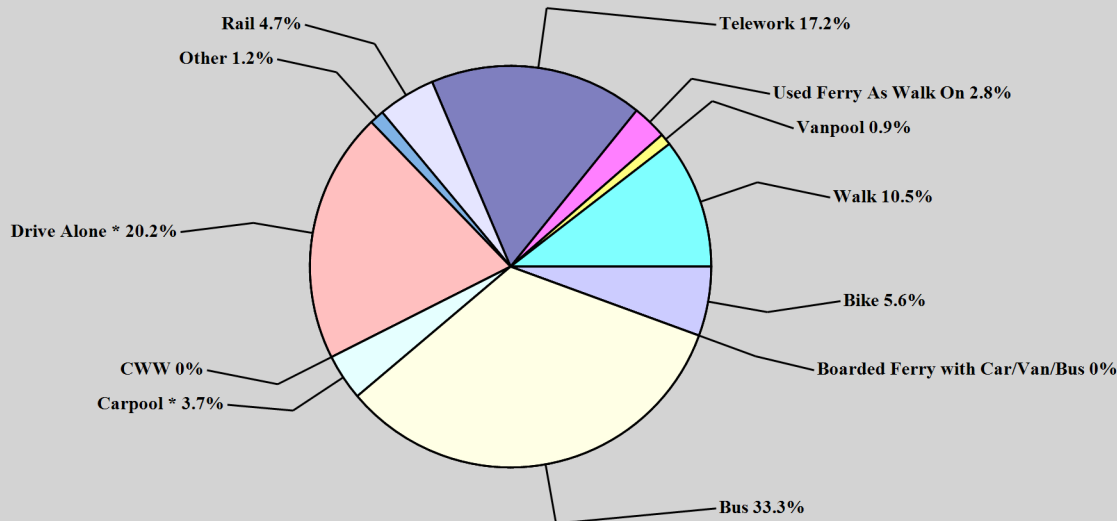
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	89	19.7%	28.1%	36	38.3%	42.2%
Carpool *	16	3.5%	6.0%	7	7.4%	8.8%
Vanpool	4	0.9%	1.4%	1	1.1%	2.0%
Bus	157	34.7%	32.1%	43	45.7%	43.1%
Rail	20	4.4%	6.6%	5	5.3%	7.8%
Bike	26	5.8%	6.6%	8	8.5%	8.8%
Walk	45	10.0%	2.2%	11	11.7%	2.9%
Telework	78	17.3%	14.6%	41	43.6%	43.1%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.4%	0	0.0%	1.0%
Used Ferry As Walk On	12	2.7%	1.0%	4	4.3%	2.0%
Other	5	1.1%	1.0%	1	1.1%	2.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	87	20.2%	27.4%	35	39.3%	40.6%
Carpool *	16	3.7%	6.4%	7	7.9%	9.4%
Vanpool	4	0.9%	1.5%	1	1.1%	2.1%
Bus	143	33.3%	32.5%	39	43.8%	43.8%
Rail	20	4.7%	7.1%	5	5.6%	8.3%
Bike	24	5.6%	6.0%	7	7.9%	8.3%
Walk	45	10.5%	2.4%	11	12.4%	3.1%
Telework	74	17.2%	14.3%	40	44.9%	41.7%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.4%	0	0.0%	1.0%
Used Ferry As Walk On	12	2.8%	1.1%	4	4.5%	2.1%
Other	5	1.2%	1.1%	1	1.1%	2.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	6	6%	94	100%
1 Days	6	6%	88	94%
2 Days	6	6%	82	87%
3 Days	11	12%	76	81%
4 Days	13	14%	65	69%
5 Days	52	55%	52	55%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

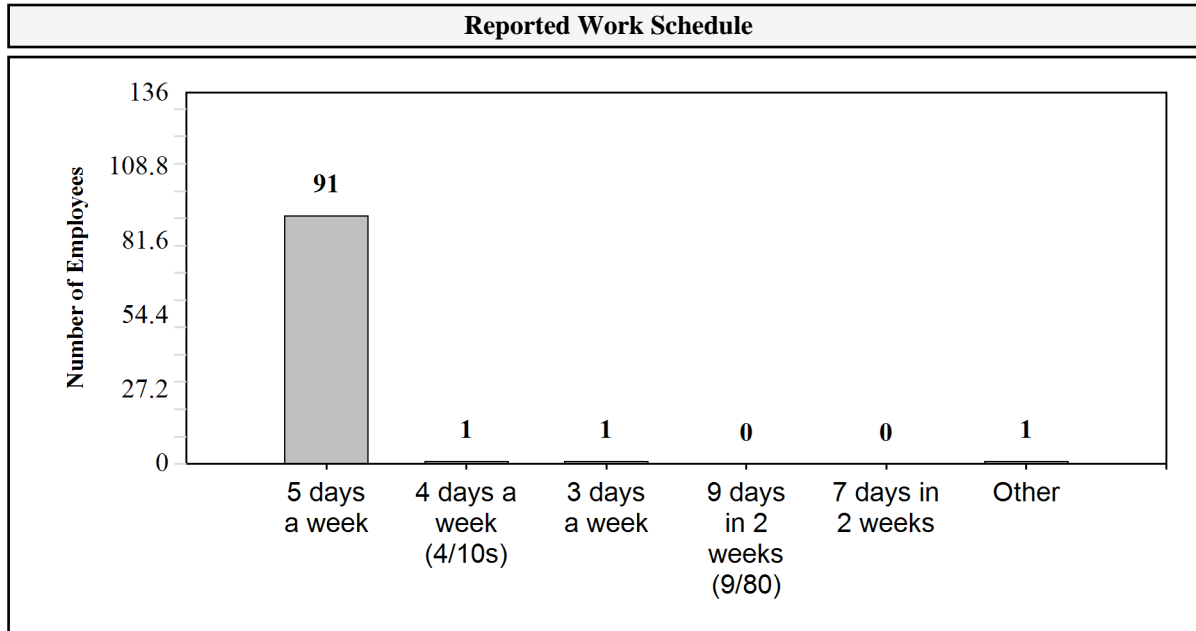
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	16
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	4
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

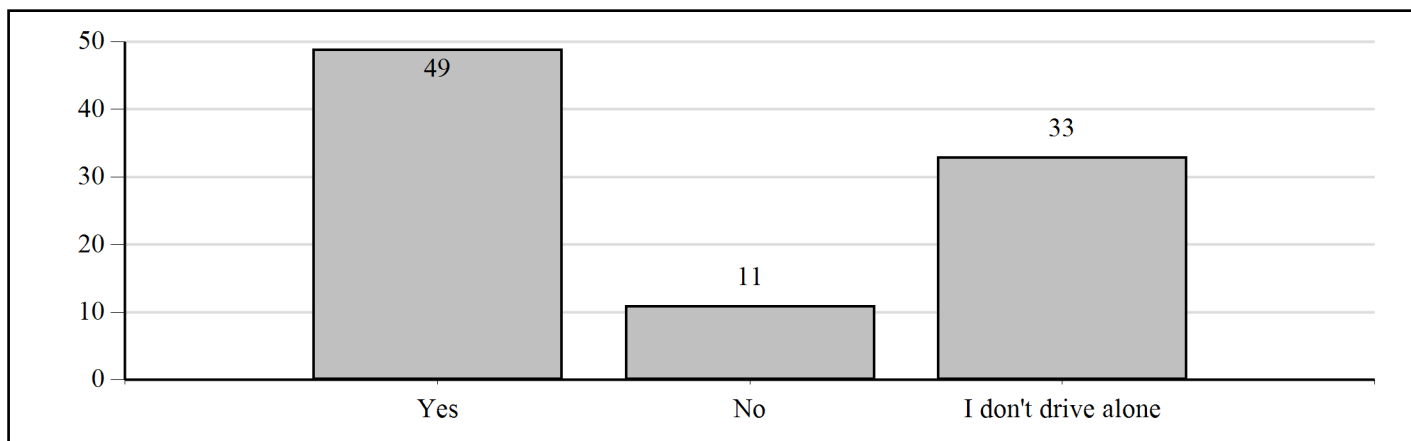
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	91	96.8%
4 days a week (4/10s)	1	1.1%
3 days a week	1	1.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	1.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	7	7.4%
Occasionally, on an as-needed basis	24	25.5%
1-2 days/month	20	21.3%
1 day/week	21	22.3%
2 days/week	11	11.7%
3 days/week	11	11.7%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	59	23.9%
I have the option of teleworking	43	17.4%
Personal health or well-being	32	13.0%
Environmental and community benefits	26	10.5%
To save money	23	9.3%
Cost of parking or lack of parking	22	8.9%
To save time using the HOV lane	18	7.3%
Other	17	6.9%
Driving myself is not an option	4	1.6%
Financial incentives for carpooling, bicycling or walking.	2	0.8%
I receive a financial incentive for giving up my parking space	1	0.4%
Emergency ride home is provided	0	0.0%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	45	25.0%
I like the convenience of having my car	42	23.3%
Other	37	20.6%
Family care or similar obligations	33	18.3%
My commute distance is too short	8	4.4%
Bicycling or walking isn't safe	8	4.4%
I need more information on alternative modes	5	2.8%
My job requires me to use my car for work	1	0.6%
There isn't any secure or covered bicycle parking	1	0.6%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98102	5	5.32%	2	5	0	0	3	0	5	5	0	0	0	0	0
98115	5	5.32%	8	0	0	0	8	2	3	0	5	0	0	0	0
98199	5	5.32%	7	0	0	0	5	0	7	0	6	0	0	0	0
98109	4	4.26%	3	0	0	0	5	0	0	10	1	0	0	0	0
98012	3	3.19%	1	0	0	0	3	0	1	0	3	0	0	0	5
98103	3	3.19%	2	0	0	0	8	4	0	0	1	0	0	0	0
98105	3	3.19%	2	0	0	0	6	0	7	0	0	0	0	0	0
98107	3	3.19%	1	0	0	0	5	0	3	0	3	0	0	0	0
98122	3	3.19%	5	0	0	0	0	0	0	9	1	0	0	0	0
98006	2	2.13%	5	0	0	0	5	0	0	0	0	0	0	0	0
98034	2	2.13%	3	0	0	0	5	0	0	0	2	0	0	0	0
98040	2	2.13%	0	2	0	0	1	0	0	0	7	0	0	0	0
98052	2	2.13%	0	0	0	0	9	0	0	0	1	0	0	0	0
98056	2	2.13%	6	0	0	0	5	0	0	0	0	0	0	0	0
98101	2	2.13%	0	0	0	0	0	0	0	9	1	0	0	0	0
98116	2	2.13%	0	0	0	0	10	0	0	0	0	0	0	0	0
98133	2	2.13%	1	2	0	0	6	0	0	0	0	0	0	0	0
98166	2	2.13%	7	0	0	0	0	0	0	0	5	0	0	0	0
98310	2	2.13%	0	0	0	0	0	0	0	0	2	0	0	8	0
	1	1.06%	0	0	0	0	0	0	0	0	3	0	0	0	0
98001	1	1.06%	0	0	0	0	4	0	0	0	1	0	0	0	0
98004	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98019	1	1.06%	1	0	0	0	4	0	0	0	0	0	0	0	0
98021	1	1.06%	0	0	0	0	4	0	0	0	1	0	0	0	0
98022	1	1.06%	2	0	0	0	0	0	0	0	3	0	0	0	0
98023	1	1.06%	3	0	0	0	0	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98026	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98027	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	1.06%	0	0	0	0	1	0	0	0	2	0	0	0	0
98029	1	1.06%	0	0	0	0	4	0	0	0	1	0	0	0	0
98030	1	1.06%	0	0	0	0	4	0	0	0	1	0	0	0	0
98031	1	1.06%	0	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	1.06%	1	0	0	0	3	0	0	1	0	0	0	0	0
98036	1	1.06%	2	1	0	0	0	0	0	0	2	0	0	0	0
98042	1	1.06%	0	0	0	0	0	4	0	0	1	0	0	0	0
98045	1	1.06%	1	0	0	0	4	0	0	0	0	0	0	0	0
98058	1	1.06%	0	2	0	0	3	0	0	0	0	0	0	0	0
98072	1	1.06%	4	0	0	0	0	0	0	0	1	0	0	0	0
98074	1	1.06%	2	0	0	0	0	0	0	3	0	0	0	0	0
98075	1	1.06%	1	0	0	0	4	0	0	0	0	0	0	0	0
98077	1	1.06%	0	2	0	0	3	0	0	0	0	0	0	0	0
98092	1	1.06%	0	0	0	0	0	5	0	0	0	0	0	0	0
98104	1	1.06%	0	0	0	0	0	0	0	5	0	0	0	0	0
98106	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98112	1	1.06%	0	0	0	0	0	5	0	0	0	0	0	0	0
98119	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98121	1	1.06%	0	0	0	0	0	0	0	3	2	0	0	0	0
98125	1	1.06%	0	2	0	0	3	0	0	0	0	0	0	0	0
98126	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98146	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	1.06%	3	0	0	0	0	0	0	0	2	0	0	0	0
98177	1	1.06%	1	0	0	0	1	0	0	0	3	0	0	0	0
98190	1	1.06%	0	0	0	0	5	0	0	0	0	0	0	0	0
98225	1	1.06%	0	0	0	0	0	0	0	0	4	0	0	0	0
98258	1	1.06%	0	0	4	0	0	0	0	0	1	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98275	1	1.06%	4	0	0	0	0	0	0	0	1	0	0	0	0
98329	1	1.06%	1	0	0	0	1	0	0	0	3	0	0	0	0
98339	1	1.06%	0	0	0	0	0	0	0	0	3	0	0	2	0
98367	1	1.06%	0	0	0	0	0	0	0	0	3	0	0	2	0